

Update on NIST Homeland Security Standards-Related Activities

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Outline

- General Homeland Security Environment
- NIST Strategic Goal – Homeland Security
- NIST Roles
- Collaboration with DHS
- Interagency Committee on Standards Policy
- ANSI Homeland Security Standards Panel
- Desired Outcomes

General Homeland Security Environment

- No consensus standards for many homeland security applications
- Well-recognized need for standards and a measurement infrastructure for homeland security
- Standards development and implementation should parallel technology and system development
- Many standards-related activities already underway are likely relevant – challenge is to identify and coordinate

NIST Strategic Goal – Homeland Security

- Goal: NIST will develop and disseminate measurement and standards tools and capabilities that address the nation's homeland security needs (2010 Strategic Plan)
- Objective: Create a sustainable infrastructure for homeland security standards-related activities

Neither the federal government, nor the nongovernmental sector presently has a comprehensive, consolidated program for developing new preparedness standards

NIST Roles

- Provide critical technical expertise and support for standards development in key areas:
 - CBRNE, technologies for incident response, cybersecurity and critical infrastructure protection, surveillance and intelligence, critical physical infrastructure, and critical defense manufacturing
- Coordination/facilitation of standards development activities
 - at NIST, in other agencies, in the private sector

Collaboration with DHS

- Technical staff collaboration with the Homeland Security Transition Planning Office
- Bert Coursey detail to S&T Directorate
- Assisting DHS in identification of standards-related needs - and in meeting urgent needs

Interagency Committee on Standards Policy

- ICSP Standards Executives represent 30 federal departments, agencies and independent commissions
 - NIST chairs
- ICSP involvement in HS issues brings significant federal agency expertise to bear
 - October 2002: key players identified; Homeland Security Working Group formed
 - March 2003: Working Group agenda refined

Role of ICSP Working Group

- Identify federal agency specifications relevant to homeland security
- Facilitate development of a database
- Provide agency technical contacts for homeland security-related activities
- Members: DOD, EPA, HHS, OSHA, DOJ and Commerce (with DHS participation)

ANSI Homeland Security Standards Panel

- Need for standards coordination to support HS identified – December 2002
- Formation of Homeland Security Standards Panel – February 2003
- Emphasis is on:
 - Partnership between the public and private sectors
 - Involving all relevant players
 - Identifying available standards
 - Conducting gap analysis
 - Minimizing duplication among new standards efforts

ANSI HSSP Charter (proposed)

- Facilitate development and enhancement of homeland security standards
- Actively solicit participation from sectors and groups traditionally outside the voluntary standards system (e.g., forums/consortia)
- Establish and maintain an online database of reported HS standards/projects – a portal to HS standards information

HSSP Tasks

- Identify current work, catalogue existing standards projects, identify unmet needs
- Serve as forum for standards issues that cut across sectors
- Serve as forum for information on HS standards issues

WILL NOT BE: a standards developer or a gatekeeper for access to DHS or other agencies

HSSP Interim Steering Committee

- ANSI co-chair (ANSI Chairman designee)
- 8 ANSI SDOs
- 8 non-ANSI SDOs
- 8 companies
- 1-4 at-large seats
 - Union
 - Consumer
 - Academia
 - State/local
- Government co-chair (NIST Director designee)
- 8 government agencies: DHS, DOD, DOE, EPA, Treasury, HHS, USDA, Interior
- Interim Steering Committee is planning body and sounding board, not a governing body

Desired Outcomes

- Practical framework for identification of requirements and development of standards
 - Include users and vendors of products, services or systems affected by these standards
- Participation by all affected interests
- Operational measurement infrastructure for homeland security